**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Currently Amended) ~~Method~~ A method for verifying the volume of liquid displaced in a pipette, which includes a piston and a shaft and which is intended to aspirate then dispense the volume of liquid, comprising the following steps:

[[-]]defining a predetermined value for the volume to be aspirated[[,]];

[[-]]measuring at a plurality of times during the aspiration the pressure at two points of the shaft[[,]];

[[-]]calculating from ~~said~~ the measured pressure the volume of liquid displaced in the shaft[[,]];

[[-]]verifying if ~~said~~ the calculated volume corresponds to ~~said~~ the predetermined value[[,]]; and

[[-]]generating an indication relating to this verification.

2. (Currently Amended) ~~Method~~ The method according to claim 1 intended to be applied to a pipette whose piston is driven by an actuator, ~~wherein it includes a further step~~ further comprising the steps of:

[[-]]calculating the difference between the calculated volume and the predetermined value[[,]]; and

[[-]]transmitting a signal to the actuator in order to make it drive the piston such that the volume aspirated corresponds to the predetermined value.

3. (Currently Amended) A verification device for a pipette for aspirating then dispensing a determined volume of liquid, ~~said~~ the pipette including a piston and a shaft, ~~characterized in that it~~ wherein the device includes:

[[-]]a sensor capable of supplying a pressure measurement at two points of the shaft at a plurality of times during the aspiration of liquid; and

[[-]]a microprocessor programmed to calculate, from said measurements as they vary throughout the aspiration, the volume of liquid aspirated in the shaft, to verify that this volume corresponds to the volume of the desired value and generate an indication relating to this verification; and

[[-]]means, responding to ~~said~~ the microprocessor, for delivering information relating to ~~said~~ the indication.

4. (Currently Amended) A device according to claim 3, ~~characterized in that it said~~ wherein the sensor is further capable of supplying~~, in addition,~~ a temperature measurement in the shaft.

5. (Currently Amended) A device according to claim 3, ~~characterized in that said~~ wherein the means for delivering information includes a display.

6. (Currently Amended) A device according to claim 3, ~~characterized in that said~~ wherein the means for delivering information includes an acoustic alarm.

7. (Currently Amended) A device according to claim 3 ~~characterized in that said~~ wherein the means for delivering information further includes a transceiver capable of making ~~its~~ the microprocessor communicate with a control and recording unit.

8. (Currently Amended) A device according to claim 4 ~~characterized in that said~~ wherein the means for delivering information includes a transceiver capable of making ~~its~~ the microprocessor communicate with a control and recording unit.

9. (Currently Amended) A device according to claim 5 ~~characterized in that said~~ wherein the means for delivering information includes a transceiver capable of making ~~its~~ the microprocessor communicate with a control and recording unit.

10. (Currently Amended) A device according to claim 6 ~~characterized in that said~~ wherein the means for delivering information includes a transceiver capable of making ~~its~~ the microprocessor communicate with a control and recording unit.

11. (Currently Amended) A device according to claim 7, ~~characterized in that said~~ wherein the microprocessor is programmed to store instructions which are sent thereto by ~~said~~ the unit.

12. (Currently Amended) A device according to claim 11, ~~characterized in that said~~ wherein the microprocessor is programmed such that ~~its~~ the transceiver sends to

~~said~~ the unit an item of information concerning the difference between the measured volume and ~~said~~ the desired value.

13. (Currently Amended) A device according to claim 3, intended for a pipette whose piston is driven by an actuator, ~~characterized in that said~~ wherein the microprocessor is programmed to control ~~said~~ the actuator such that the aspirated volume corresponds to the desired value.

14. (Currently Amended) A device according to claim 3, ~~characterized in that it~~ wherein the device forms a module that can be fitted to an existing pipette.

15. (Currently Amended) A device according to claim 4, ~~characterized in that it~~ wherein the device forms a module that can be fitted to an existing pipette.

16. (Currently Amended) A pipette with a piston for aspirating then dispensing, using a shaft, a determined volume of liquid, ~~characterized in that it~~ wherein the device includes a verification device ~~as defined in~~ according to claim 3.

17. (Currently Amended) A pipette with a piston for aspirating then dispensing, using a shaft, a determined volume of liquid, ~~characterized in that it~~ wherein the device includes a verification device ~~as defined in~~ according to claim 4.

18. (Currently Amended) A pipette with a piston for aspirating then dispensing, using a shaft, a determined volume of liquid, ~~characterized in that it~~ wherein the device includes a verification device ~~as defined in~~ according to claim 7.

19. (Currently Amended) A control and recording unit for managing a plurality of pipettes each fitted with the verification device ~~as defined in~~ according to claim 9, ~~characterized in that it~~ wherein the control and recording unit includes a computer and a transceiver capable of making ~~said~~ the computer communicate with the transceiver of each of ~~said~~ the pipettes.

20. (Currently Amended) A control and recording unit according to claim 19, ~~characterized in that said~~ wherein the computer is programmed such that the following operations are carried out:

[[-]]sending the protocol of the pipetting operations to be carried out to each pipette;

[[-]]recording the performance of the pipette; and

[[-]]recording the operator's performance.

21. (Currently Amended) A control and recording unit according to claim 19, ~~characterized in that said~~ wherein the computer is programmed so as to send the number and volume of deposits to be carried out by each pipette and the accepted tolerances.

22. (Currently Amended) A control and recording unit according to claim 20, ~~characterized in that said~~ wherein the computer is programmed so as to send the number and volume of deposits to be carried out by each pipette and the accepted tolerances.